REPLACEMENT DRAWINGS - SHEET 1 OF 24

Invention: INTRUSION DETECTION SYSTEM Serial No.: 10/750,469 Inventors: Larry C. Hardin & Lawrence V. Nash Filed: December 31, 2003 Attorney: William O. Geny, Reg. # 27,444

Telephone: (503) 227-5631

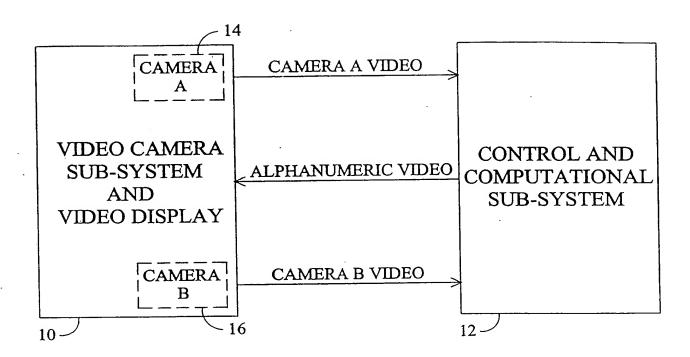


FIG. 1

REPLACEMENT DRAWINGS - SHEET 2 OF 24

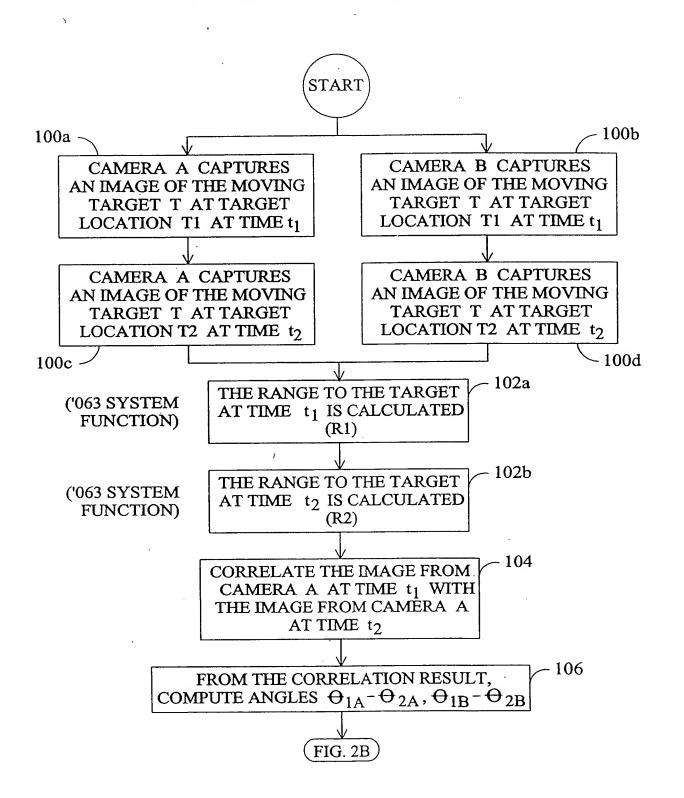


FIG. 2A

REPLACEMENT DRAWINGS - SHEET 3 OF 24

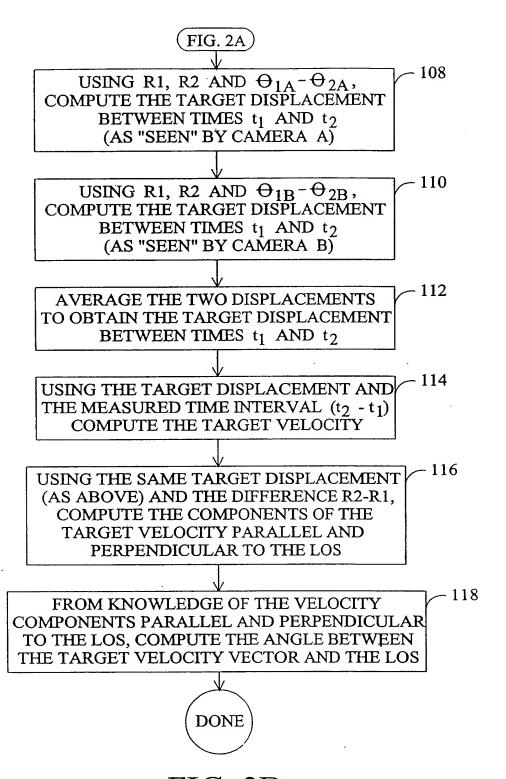
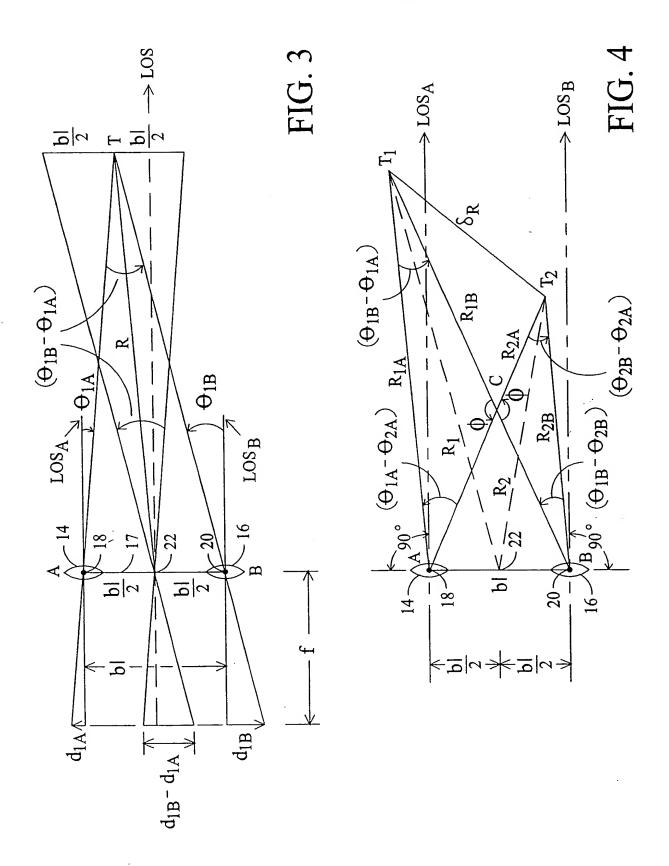


FIG. 2B

REPLACEMENT DRAWINGS - SHEET 4 OF 24



REPLACEMENT DRAWINGS - SHEET 5 OF 24

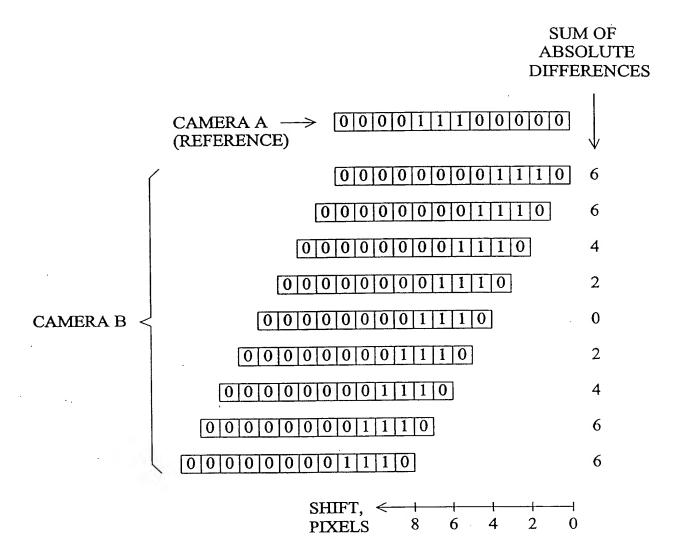


FIG. 5

REPLACEMENT DRAWINGS - SHEET 6 OF 24

SUM OF ABSOLUTE DIFFERENCES

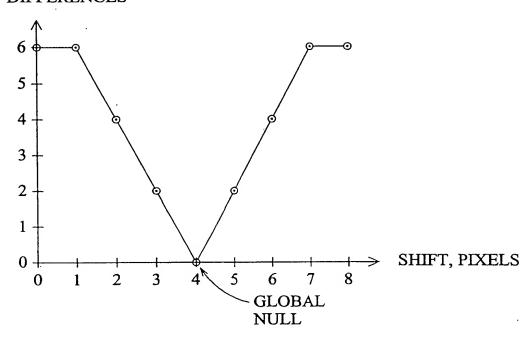
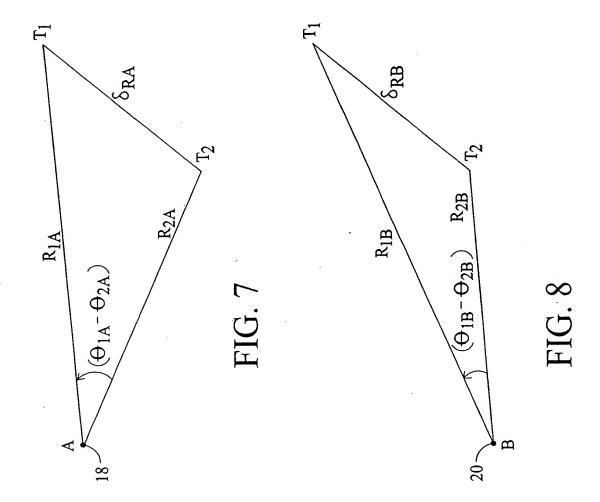
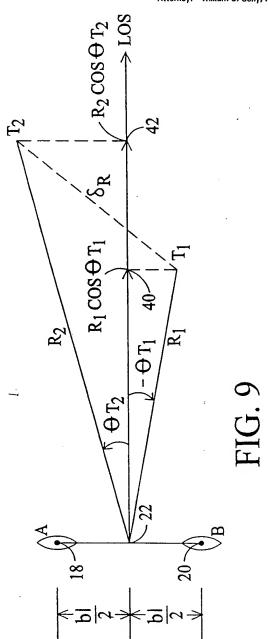


FIG. 6

REPLACEMENT DRAWINGS - SHEET 7 OF 24



REPLACEMENT DRAWINGS - SHEET 8 OF 24



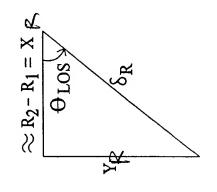


FIG. 10

REPLACEMENT DRAWINGS - SHEET 9 of 24

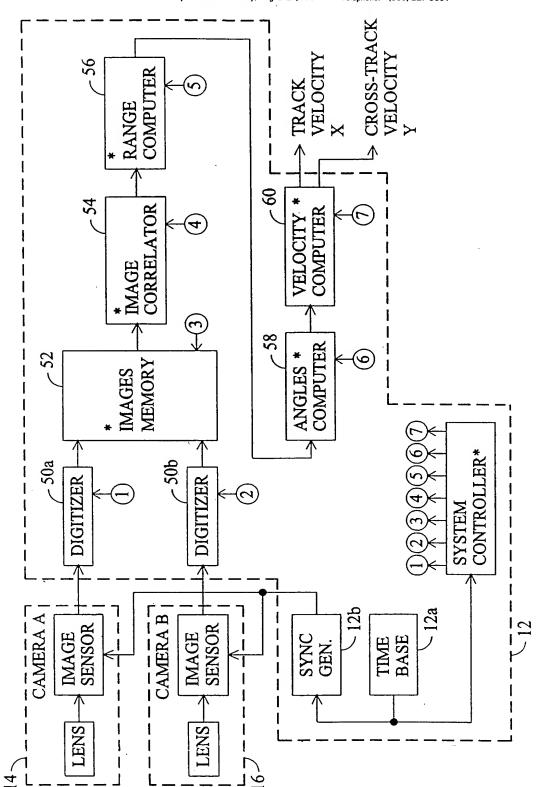


FIG. 11

REPLACEMENT DRAWINGS - SHEET 10 OF 24

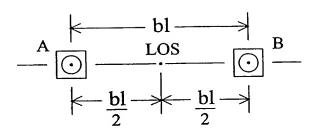


FIG. 12

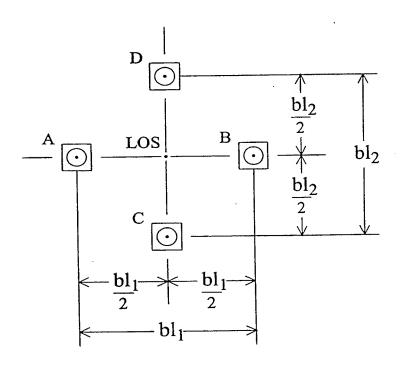


FIG. 13

REPLACEMENT DRAWINGS - SHEET 11 OF 24

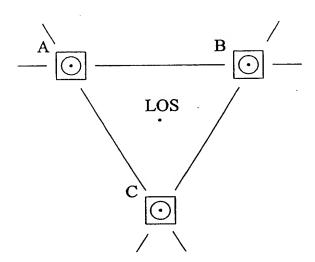


FIG. 14

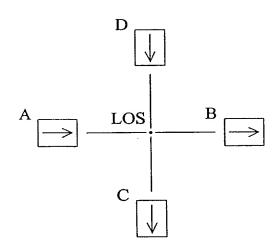
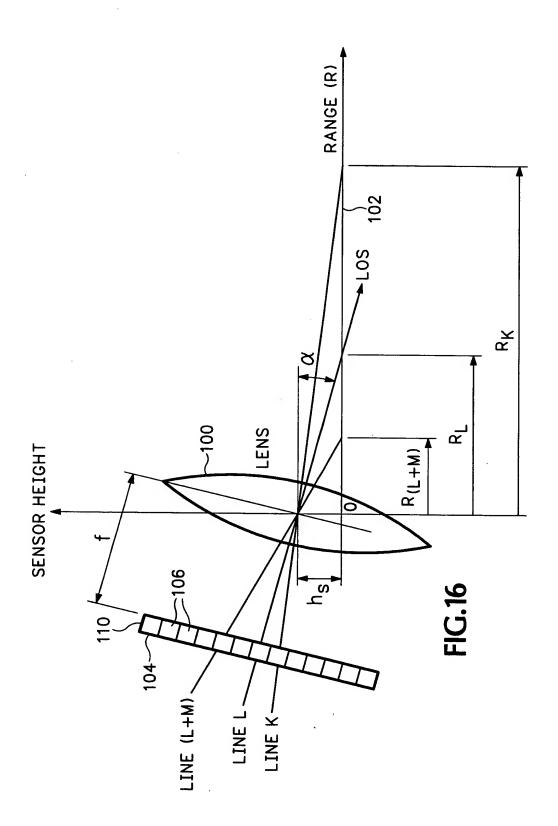


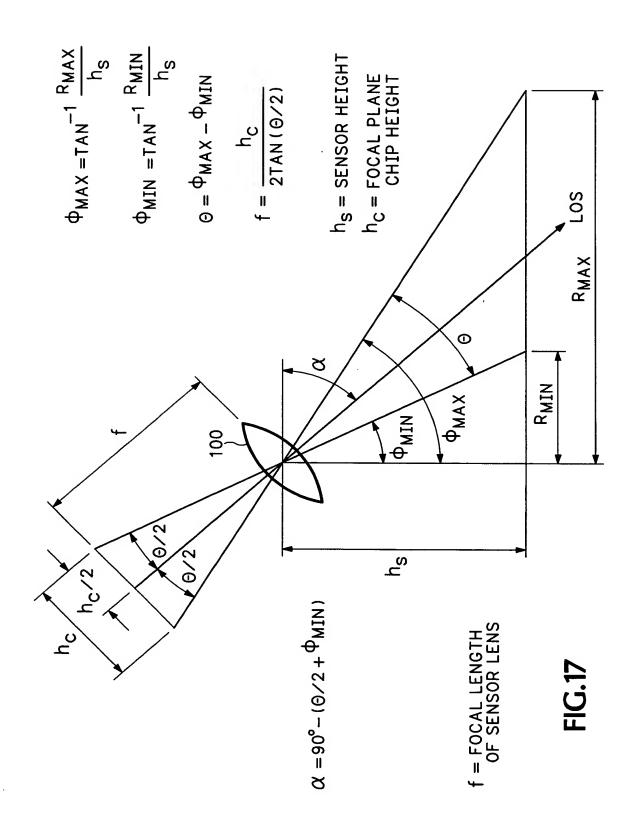
FIG. 15

REPLACEMENT DRAWINGS - SHEET 12 OF 24

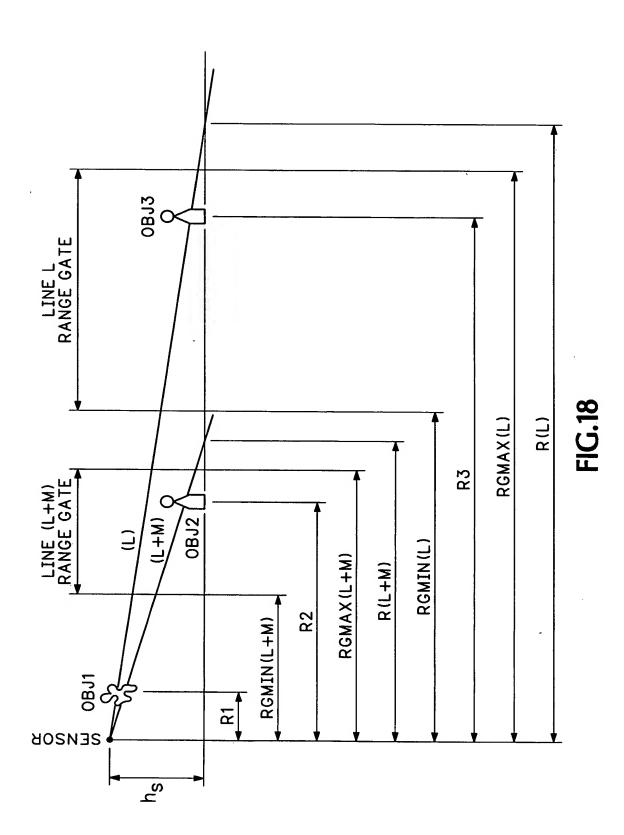


REPLACEMENT DRAWINGS - SHEET 13 OF 24

Invention: Intrusion Detection System Serial No.: 10/750,469
Inventors: Larry C. Hardin & Lawrence V. Nash Filed: December 31, 2003
Attorney: William O. Geny, Reg. # 27,444 Telephone: (503) 227-5631



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REPLACEMENT DRAWINGS - SHEET 15 OF 24

Invention: Intrusion Detection System

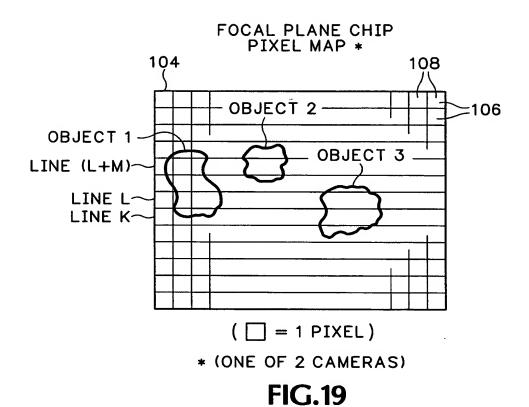
Serial No.: 10/750,469

Inventors: Larry C. Hardin & Lawrence V. Nash Filed:

December 31, 2003

Attorney: William O. Geny, Reg. # 27,444

Telephone: (503) 227-5631



REPLACEMENT DRAWINGS - SHEET 16 OF 24

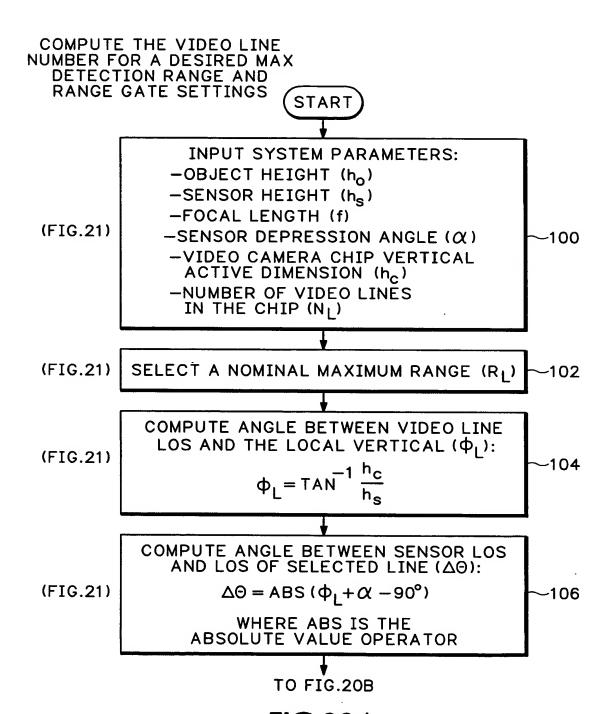


FIG.20A

REPLACEMENT DRAWINGS - SHEET 17 OF 24

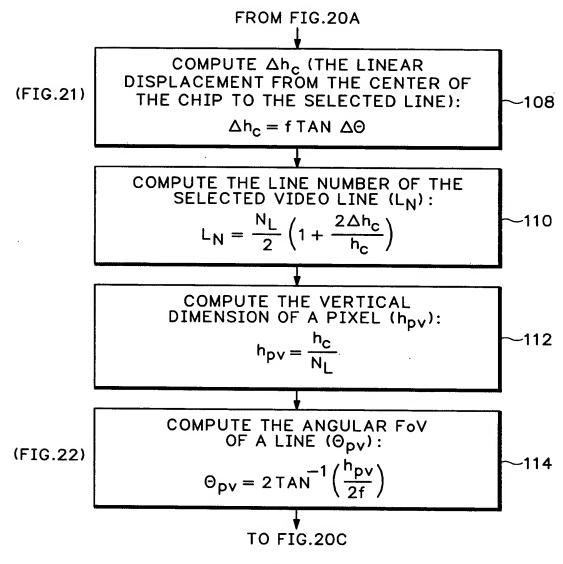


FIG.20B

REPLACEMENT DRAWINGS - SHEET 18 OF 24

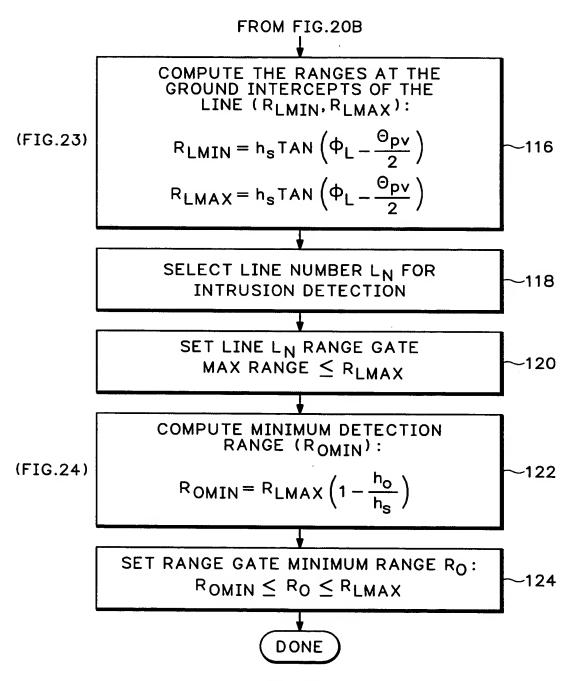
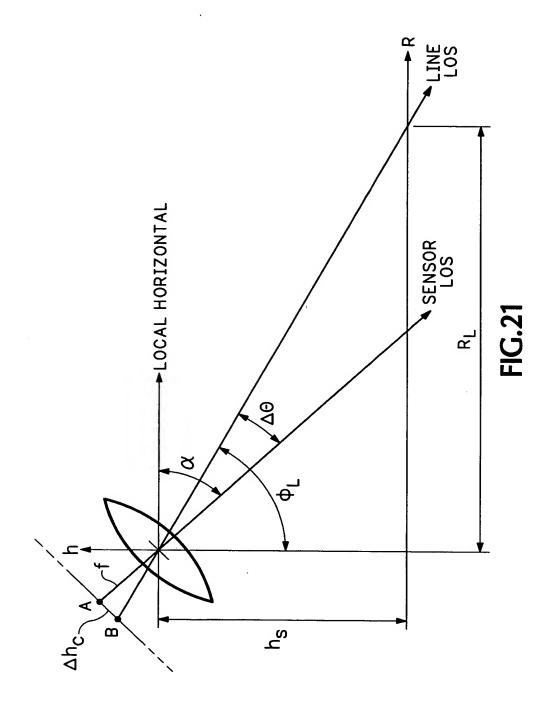


FIG.20C

REPLACEMENT DRAWINGS - SHEET 19 of 24

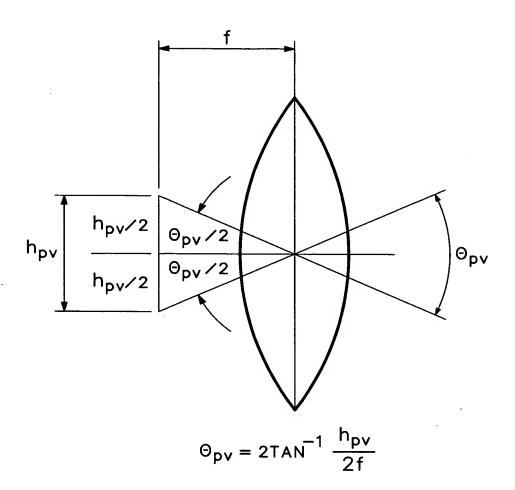


REPLACEMENT DRAWINGS - SHEET 20 OF 24

 Invention:
 Intrusion Detection System
 Serial No.:
 10/750,469

 Inventors:
 Larry C. Hardin & Lawrence V. Nash
 Filed:
 December 31, 2003

 Attorney:
 William O. Geny, Reg. # 27,444
 Telephone:
 (503) 227-5631



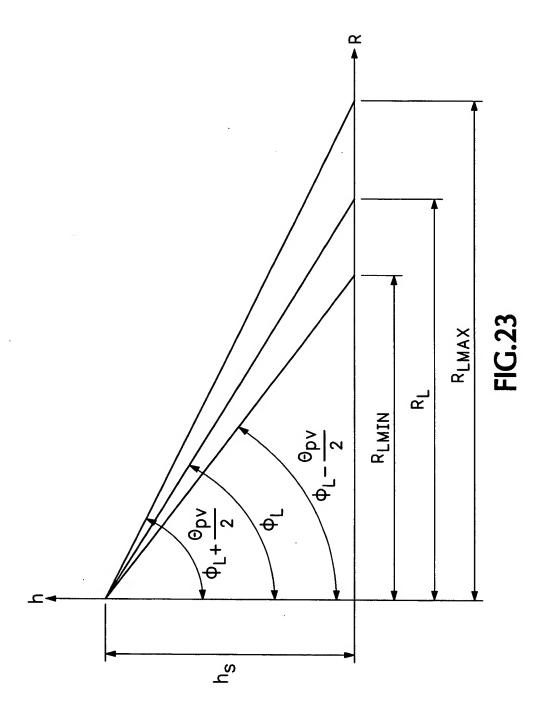
WHERE: Θ_{pv} IS THE VERTICAL ANGULAR FoV OF A PIXEL

f IS THE FOCAL LENGTH

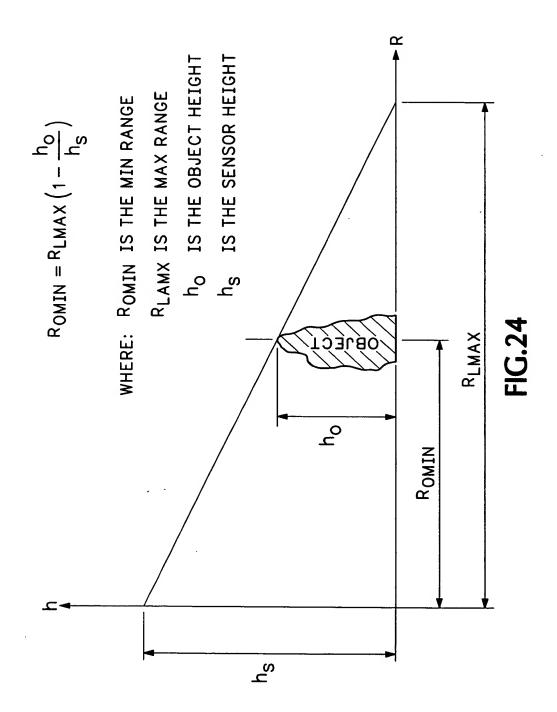
 $h_{\mbox{\scriptsize pv}}$ is the pixel height

FIG.22

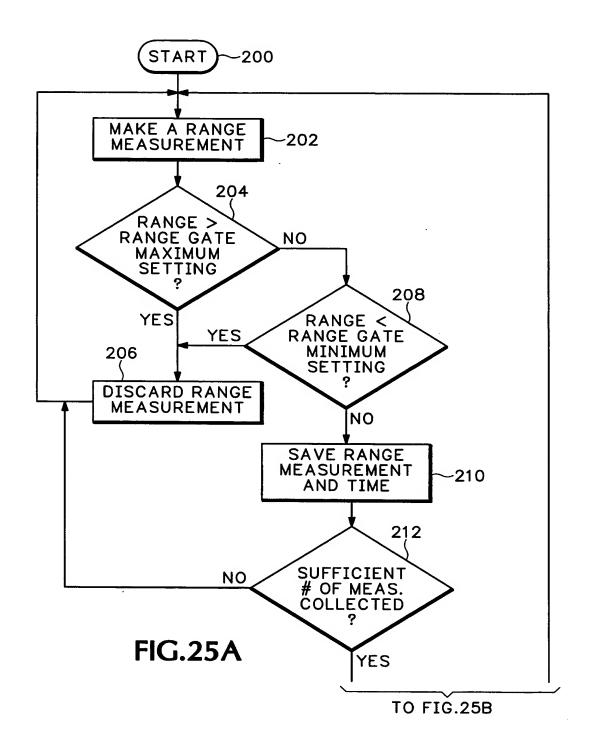
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REPLACEMENT DRAWINGS - SHEET 22 OF 24



REPLACEMENT DRAWINGS · SHEET 23 OF 24



REPLACEMENT DRAWINGS - SHEET 24 OF 24

